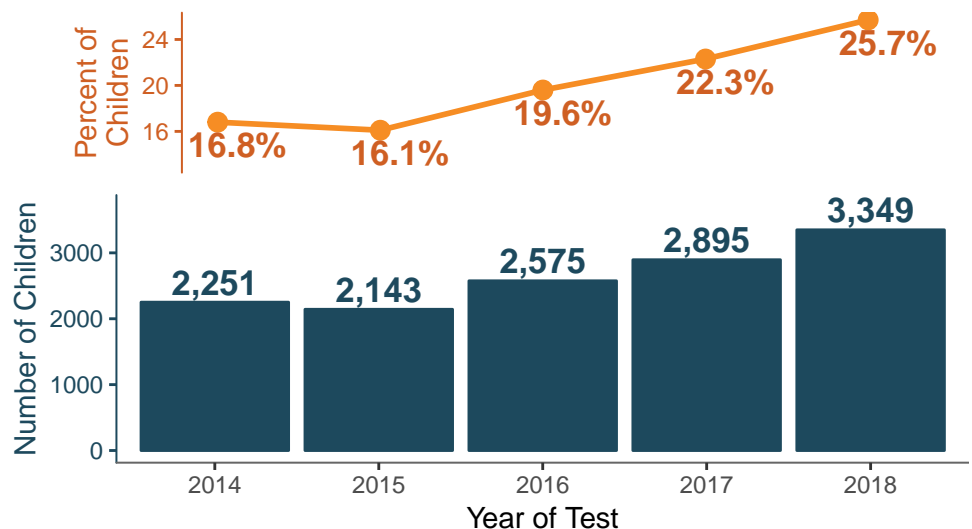


2018 LEAD EXPOSURE DATA BRIEF FOR THE GREATER NASHUA REGION

Lead poisoning is entirely preventable. However, nearly 1 million children living in the United States have blood levels high enough to impair their ability to think, learn, and concentrate.

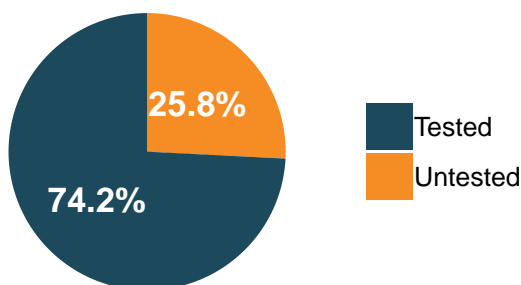
In 2018, 73 children (0 – 72 months old) in the Greater Nashua Region were identified with elevated blood lead levels of 5 ug/dL or higher.

Annual Number (and Percent) of Children, 0 to 72 Months Old, Tested for Blood Lead in the Greater Nashua Region 2014 – 2018



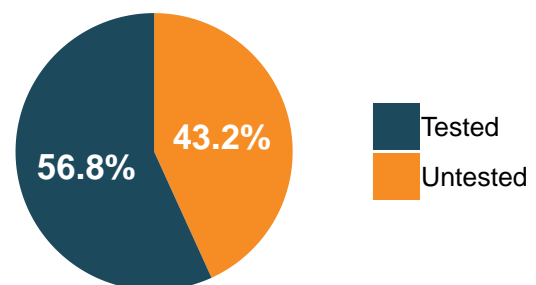
Percent of Children Tested per New Hampshire Screening and Management Guidelines

Percent of One-Year-Old Children Tested for Blood Lead



In 2018, 74.2% of one year-old (12–23 month-old) children residing in the Greater Nashua Region were tested for lead in their blood (1,573 of an estimated 2,120 children).

Percent of Two-Year-Old Children Tested for Blood Lead



In 2018, 56.8% of two year-old (24–35 month-old) children residing in the Greater Nashua Region were tested for lead in their blood (1,219 of an estimated 2,146 children).

In 2018, New Hampshire passed a state law requiring providers to conduct blood lead level tests for all one and two year-old children.

Childhood Lead Exposure by Town, 2018

TOWN	AGE GROUP (IN MONTHS)	POPULATION DPHS ESTIMATE 2018	NUMBER TESTED 2018	PERCENT TESTED (%) 2018	NUMBER WITH EBLL 5+ ug/dL 2018 ONLY	NUMBER WITH EBLL 5+ ug/dL 2014–2018	NUMBER WITH EBLL 10+ ug/dL VENOUS TESTS 2014–2018
AMHERST	0 to 72	609	156	26	1 – 4	6	0
	12 to 23	95	82	86	1 – 4	1 – 4	0
	24 to 35	97	57	59	1 – 4	1 – 4	0
BROOKLINE	0 to 72	347	75	22	1 – 4	7	0
	12 to 23	51	29	57	1 – 4	1 – 4	0
	24 to 35	52	28	54	1 – 4	1 – 4	0
HOLLIS	0 to 72	332	102	31	0	1 – 4	0
	12 to 23	55	55	100	0	1 – 4	0
	24 to 35	49	32	65	0	0	0
HUDSON	0 to 72	1588	369	23	1 – 4	23	1 – 4
	12 to 23	258	153	59	1 – 4	10	0
	24 to 35	262	139	53	0	6	1 – 4
LITCHFIELD	0 to 72	504	96	19	0	1 – 4	0
	12 to 23	78	54	69	0	1 – 4	0
	24 to 35	79	31	39	0	1 – 4	0
MERRIMACK	0 to 72	1482	413	28	1 – 4	9	0
	12 to 23	236	203	86	1 – 4	6	0
	24 to 35	240	157	65	0	1 – 4	0
MILFORD	0 to 72	990	206	21	6	31	5
	12 to 23	160	92	58	0	16	1 – 4
	24 to 35	162	85	52	5	11	1 – 4
MONT VERNON	0 to 72	119	26	22	1 – 4	1 – 4	1 – 4
	12 to 23	18	18	100	1 – 4	1 – 4	1 – 4
	24 to 35	17	8	47	0	0	0
PELHAM	0 to 72	839	213	25	0	5	0
	12 to 23	132	61	46	0	1 – 4	0
	24 to 35	135	85	63	0	1 – 4	0
WILTON	0 to 72	210	53	25	6	20	1 – 4
	12 to 23	34	26	76	1 – 4	13	0
	24 to 35	34	22	65	1 – 4	1 – 4	0
NASHUA	0 to 72	5851	1602	27	49	295	47
	12 to 23	982	788	80	21	150	19
	24 to 35	998	558	56	12	76	16
NE NASHUA	0 to 72	961	272	28	14	66	12
	12 to 23	160	145	91	5	30	1 – 4
	24 to 35	162	89	55	1 – 4	19	6
NW NASHUA	0 to 72	1046	257	25	1 – 4	20	1 – 4
	12 to 23	176	135	77	1 – 4	14	1 – 4
	24 to 35	178	90	51	0	1 – 4	0
SE NASHUA	0 to 72	2113	570	27	23	163	24
	12 to 23	360	281	78	10	80	12
	24 to 35	366	188	51	7	43	7
SW NASHUA	0 to 72	1733	503	29	9	46	10
	12 to 23	287	227	79	1 – 4	26	1 – 4
	24 to 35	292	191	65	1 – 4	10	1 – 4
GREATER NASHUA	0 to 72	13013	3349	26	73	409	58
	12 to 23	2120	1573	74	31	209	22
	24 to 35	2146	1219	57	24	113	20

Childhood blood lead test data is from the NH Healthy Homes Childhood Lead Poisoning Prevention Program. Elevated blood lead levels (EBLL) 5+ ug/dL is defined as a venous or capillary blood test with a result of 5 micrograms per deciliter (ug/dL) or higher. Exact numbers or percents cannot be reported when there are 1–4 cases due to suppression guidelines to protect privacy.

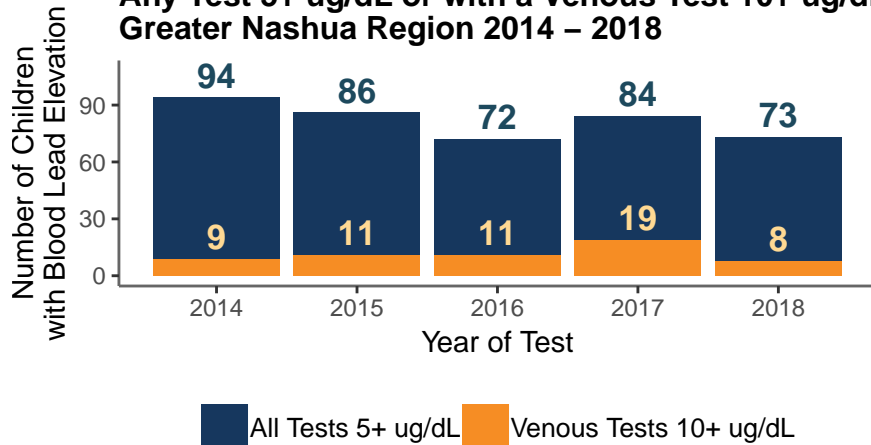
Childhood Lead Risk Factors by Town

TOWN	POPULATION UNDER 6 YO PERCENT (%)	HOUSING UNITS BUILT PRE-1950 PERCENT (%)	HOUSEHOLDS MOVED IN LAST YEAR PERCENT (%)	RENTED HOUSING UNITS W/ CHILDREN UNDER 6 YO PERCENT (%)	UNDER 6 YO LIVING BELOW FED. POVERTY LEVEL PERCENT (%)	UNDER 6 YO IN WITH NO HEALTH INSURANCE PERCENT (%)
AMHERST	5.4	13	4.8	3	0	0
BROOKLINE	6	12	4.7	0	0	0
HOLLIS	4.6	14	5.3	0	5.9	0
HUDSON	6.2	10	8.3	20	6.2	1.3
LITCHFIELD	5.3	3	8.4	13	0	0
MERRIMACK	5.8	6	6.5	17	7.8	2.2
MILFORD	7	21	12	48	0	1.3
MONT VERNON	5.4	15	4.6	0	17.9	0
PELHAM	6.3	7	5.2	11	6.4	1.1
WILTON	6	38	7.1	15	6.4	0
NASHUA	6.8	23	12.8	66	18.4	1.7
NE NASHUA	6.4	48	10.4	61	29.3	0.4
NW NASHUA	6.4	1	13.8	60	2.9	1.4
SE NASHUA	8.2	43	15.3	86	25.8	2.7
SW NASHUA	5.7	2	10.7	45	10.8	1.1
GREATER NASHUA	6.3	17	9.7	41	10.8	1.4

Risk factor data is from the American Community Survey (ACS), 5-Year Estimate Data (2013–2017). Percent of renters with children under 6 yo was calculated from housing units with known occupancy status and known age of occupants. Under 6 yo living below federal poverty level was calculated from the number of children in households with income less than the federal poverty level for whom poverty status was determined. Note, percentages for smaller towns may have a large error.

Childhood Lead Exposure

Annual Number of Children 0 to 72 Months Old with Any Test 5+ ug/dL or with a Venous Test 10+ ug/dL Greater Nashua Region 2014 – 2018



It only takes a speck of lead dust the size of a grain of salt to poison a child

Number of Children 0 to 72 Months Old with Elevated Blood Lead Levels 5+ ug/dL by Town (or Census Tract) in the Greater Nashua Region, 2014–2018

